

What is claimed is:

1. An outer rotor type motor comprising:
a stator having an outer circumference on which a coil is wound;
a rotor provided to leave a predetermined interval from an outside of the stator, the rotor rotating when a current is applied to the coil; and
a frame having a fixing means for fixing the rotor wherein the fixing means is built in one body of an inner circumference of the frame.
2. The outer rotor type motor as claimed in claim 1, wherein a tip of the frame is bent inward to form the fixing means as a fixing part to clamp a topside of the rotor.
3. The outer rotor type motor as claimed in claim 2, wherein the fixing part is bent to have a 'channel' shape.
4. The outer rotor type motor as claimed in claim 2, wherein a guide groove is formed on the topside of the rotor brought contact with the fixing part.
5. The outer rotor type motor as claimed in claim 1, wherein the frame is made of a metal-based material.
6. A washing machine comprising:
an outer tub holding water;
an inner tub in the outer tub to hold a laundry;

25 an outer rotor type motor comprising:

26 a stator having an outer circumference on which a coil is wound;

27 a rotor provided to leave a predetermined interval from an outside of
28 the stator, the rotor rotating when a current is applied to the coil; and

29 a frame having a fixing means for fixing the rotor wherein the fixing
30 means is built in one body of an inner circumference of the frame; and

31 a shaft connecting the motor to the inner tub.

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33 7. The washing machine as claimed in claim 6, wherein a tip of the frame is
34 bent inward to form the fixing means as a fixing part to clamp a topside of the rotor.

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36 8. The washing machine as claimed in claim 7, wherein the fixing part is bent to
37 have a 'channel' shape.

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39 9. The washing machine as claimed in claim 7, wherein a guide groove is
40 formed on the topside of the rotor brought contact with the fixing part.

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42 10. The washing machine as claimed in claim 6, wherein the frame is made of a
43 metal-based material.